

# Rethick Raj Anthony

A motivated Engineer with in-depth knowledge of languages, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills.

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## EDUCATION

### Bachelor Of Engineering

Dayananda Sagar College Of Engineering

04/2019 - 04/2024

7.86 cgpa

### Intermediate Education

De Nobili School

05/2016 - 03/2019

54%

### Secondary Education

De Nobili School

03/2005 - 03/2016

74%

## WORK EXPERIENCE

### Backend Developer

Technofly Solutions

01/2023 - 04/2023

Bangalore

Achievements/Tasks

- Maintained server-side logic using JavaScript to ensure optimal performance and responsiveness.
- Implemented and optimized database queries for efficient data retrieval and storage using MySQL.
- Worked closely with front-end developers to integrate user-facing elements using server-side logic, enhancing the overall user experience.
- Assisted in troubleshooting and debugging issues, providing timely resolutions to ensure smooth application functionality.
- Engaged in continuous learning and exploration of emerging technologies to contribute innovative solutions and improvements.

## SKILLS

Java

C

JavaScript

NodeJS

HTML

CSS

MySQL

Data Structures

Teamwork

Interpersonal Skills

Problem Solving

Tailwind

## PERSONAL PROJECTS

### Missing Object Alert Using IOT

- Developed a scalable IoT solution for theft detection using IOT devices and AI.
- Integrated sensors for object detection and wireless communication to relay data to a central server.
- Integrated alerting mechanisms, including email and mobile notifications, to promptly notify the owner in case of missing objects.
- Utilized machine learning algorithms to enhance Facial recognition accuracy by 84% and identify the intruder.

### Movie Booking System Using DBMS

- Designed and implemented a relational database schema to efficiently store and retrieve data related to movies, showtimes, seats, users, and transactions.
- Developed a user-friendly web-based interface for customers to browse movie listings, select seats, and complete the booking process seamlessly.
- Integrated a real-time seat availability tracker, enhancing the user experience by providing up-to-date information during the booking process.

### Facial Expression Recognition Using AI

- Utilized deep learning frameworks, such as TensorFlow, to develop a Convolutional Neural Network (CNN) for facial expression recognition.
- Curated and preprocessed diverse facial expression datasets to train the model, ensuring robustness across different demographics and expressions.
- Implemented real-time facial expression analysis using computer vision techniques, achieving low-latency response for interactive application which had the accuracy of 82%.
- Integrated the facial expression recognition system into a user interface, allowing seamless interaction and providing valuable emotional insights.

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

Music

Gaming

Photography

Video Editing

Game Development on unreal engine